

rteres

Instrument :

FID\_E

ClientSampleId :

3MSD

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE01032

Data File : FE039620.D

Signal(s) : FID1B.ch

Acq On : 03 Jan 2023 20:05

Sample : 01002-05MSD

Misc :

ALS Vial : 18 Sample Multiplier: 1

Reviewed By :Yogesh Patel 01/04/2023

Supervised By :Ankita Jodhani 01/04/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M

Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.271       | 3.255        | 3.282      | BV       | 50             | 348          | 0.00%          | 0.000%        |
| 2         | 3.337       | 3.282        | 3.461      | PV       | 554976         | 5725097      | 51.39%         | 2.026%        |
| 3         | 3.480       | 3.461        | 3.497      | VV       | 795            | 10279        | 0.09%          | 0.004%        |
| 4         | 3.507       | 3.497        | 3.528      | VV       | 408            | 3879         | 0.03%          | 0.001%        |
| 5         | 3.548       | 3.528        | 3.594      | PV       | 247            | 5994         | 0.05%          | 0.002%        |
| 6         | 3.615       | 3.594        | 3.632      | VV       | 717            | 6976         | 0.06%          | 0.002%        |
| 7         | 3.648       | 3.632        | 3.659      | VV       | 536            | 5779         | 0.05%          | 0.002%        |
| 8         | 3.666       | 3.659        | 3.677      | VV       | 416            | 3644         | 0.03%          | 0.001%        |
| 9         | 3.701       | 3.677        | 3.760      | VV       | 770            | 20489        | 0.18%          | 0.007%        |
| 10        | 3.781       | 3.760        | 3.893      | VV       | 444            | 12133        | 0.11%          | 0.004%        |
| 11        | 3.916       | 3.893        | 3.994      | VV       | 367            | 6660         | 0.06%          | 0.002%        |
| 12        | 4.014       | 3.994        | 4.101      | PV       | 269            | 5271         | 0.05%          | 0.002%        |
| 13        | 4.133       | 4.101        | 4.158      | PV       | 1365           | 20740        | 0.19%          | 0.007%        |
| 14        | 4.173       | 4.158        | 4.207      | VV       | 854            | 13757        | 0.12%          | 0.005%        |
| 15        | 4.219       | 4.207        | 4.276      | VV       | 281            | 6459         | 0.06%          | 0.002%        |
| 16        | 4.304       | 4.276        | 4.335      | VV       | 1656           | 19218        | 0.17%          | 0.007%        |
| 17        | 4.349       | 4.335        | 4.371      | VV       | 417            | 5292         | 0.05%          | 0.002%        |
| 18        | 4.380       | 4.371        | 4.410      | VV       | 188            | 2734         | 0.02%          | 0.001%        |
| 19        | 4.420       | 4.410        | 4.465      | VV       | 153            | 2705         | 0.02%          | 0.001%        |
| 20        | 4.470       | 4.465        | 4.494      | VV       | 104            | 1205         | 0.01%          | 0.000%        |
| 21        | 4.517       | 4.494        | 4.543      | VV       | 118            | 1808         | 0.02%          | 0.001%        |
| 22        | 4.580       | 4.543        | 4.597      | PV       | 634600         | 6006842      | 53.92%         | 2.126%        |
| 23        | 4.616       | 4.597        | 4.720      | VV       | 570657         | 5676337      | 50.95%         | 2.009%        |
| 24        | 4.744       | 4.720        | 4.784      | VV       | 909            | 23302        | 0.21%          | 0.008%        |
| 25        | 4.803       | 4.784        | 4.843      | VV       | 604            | 14252        | 0.13%          | 0.005%        |
| 26        | 4.859       | 4.843        | 4.872      | VV       | 454            | 5293         | 0.05%          | 0.002%        |
| 27        | 4.885       | 4.872        | 4.917      | VV       | 376            | 6299         | 0.06%          | 0.002%        |
| 28        | 4.959       | 4.917        | 4.982      | VV       | 339            | 8881         | 0.08%          | 0.003%        |
| 29        | 5.029       | 4.982        | 5.064      | VV       | 353            | 11141        | 0.10%          | 0.004%        |
| 30        | 5.079       | 5.064        | 5.103      | VV       | 253            | 3976         | 0.04%          | 0.001%        |
| 31        | 5.125       | 5.103        | 5.185      | VV       | 368            | 6863         | 0.06%          | 0.002%        |
| 32        | 5.233       | 5.185        | 5.246      | VV       | 1064           | 12335        | 0.11%          | 0.004%        |
| 33        | 5.260       | 5.246        | 5.315      | VV       | 1012           | 24552        | 0.22%          | 0.009%        |
| 34        | 5.334       | 5.315        | 5.347      | VV       | 444            | 7634         | 0.07%          | 0.003%        |
| 35        | 5.358       | 5.347        | 5.385      | VV       | 424            | 6852         | 0.06%          | 0.002%        |
| 36        | 5.417       | 5.385        | 5.443      | VV       | 574            | 10048        | 0.09%          | 0.004%        |

|    |       |       |       |    | retention |         |        |        |
|----|-------|-------|-------|----|-----------|---------|--------|--------|
| 37 | 5.452 | 5.443 | 5.459 | VV | 153       | 1192    | 0.01%  | 0.000% |
| 38 | 5.483 | 5.459 | 5.500 | VV | 1038      | 12543   |        |        |
| 39 | 5.517 | 5.500 | 5.547 | VV | 816       | 13153   |        |        |
| 40 | 5.567 | 5.547 | 5.628 | VV | 631       | 10485   |        |        |
| 41 | 5.640 | 5.628 | 5.681 | VV | 144       | 2488    |        |        |
| 42 | 5.708 | 5.681 | 5.754 | PV | 2758      | 31671   |        |        |
| 43 | 5.773 | 5.754 | 5.802 | VV | 493       | 6529    | 0.06%  | 0.002% |
| 44 | 5.822 | 5.802 | 5.847 | VV | 409       | 5689    | 0.05%  | 0.002% |
| 45 | 5.873 | 5.847 | 5.928 | VV | 450       | 10268   | 0.09%  | 0.004% |
| 46 | 5.957 | 5.928 | 5.991 | VV | 3307      | 37914   | 0.34%  | 0.013% |
| 47 | 6.008 | 5.991 | 6.048 | VV | 367       | 5874    | 0.05%  | 0.002% |
| 48 | 6.070 | 6.048 | 6.093 | VV | 191       | 2517    | 0.02%  | 0.001% |
| 49 | 6.132 | 6.093 | 6.142 | PV | 207       | 4121    | 0.04%  | 0.001% |
| 50 | 6.166 | 6.142 | 6.237 | VV | 783       | 13879   | 0.12%  | 0.005% |
| 51 | 6.277 | 6.237 | 6.409 | VV | 534961    | 5461769 | 49.03% | 1.933% |
| 52 | 6.446 | 6.409 | 6.549 | VV | 1524      | 62613   | 0.56%  | 0.022% |
| 53 | 6.575 | 6.549 | 6.591 | VV | 629       | 12442   | 0.11%  | 0.004% |
| 54 | 6.598 | 6.591 | 6.616 | VV | 619       | 7828    | 0.07%  | 0.003% |
| 55 | 6.637 | 6.616 | 6.702 | VV | 503       | 20810   | 0.19%  | 0.007% |
| 56 | 6.738 | 6.702 | 6.872 | VV | 649374    | 6477341 | 58.14% | 2.292% |
| 57 | 6.890 | 6.872 | 6.952 | VV | 683       | 17762   | 0.16%  | 0.006% |
| 58 | 6.963 | 6.952 | 6.991 | VV | 250       | 3828    | 0.03%  | 0.001% |
| 59 | 7.015 | 6.991 | 7.046 | VV | 510       | 10393   | 0.09%  | 0.004% |
| 60 | 7.063 | 7.046 | 7.114 | VV | 340       | 8590    | 0.08%  | 0.003% |
| 61 | 7.132 | 7.114 | 7.149 | VV | 551       | 7741    | 0.07%  | 0.003% |
| 62 | 7.156 | 7.149 | 7.199 | VV | 371       | 7804    | 0.07%  | 0.003% |
| 63 | 7.228 | 7.199 | 7.255 | VV | 1497      | 26940   | 0.24%  | 0.010% |
| 64 | 7.274 | 7.255 | 7.331 | VV | 6810      | 79321   | 0.71%  | 0.028% |
| 65 | 7.371 | 7.331 | 7.491 | VV | 512445    | 5299446 | 47.57% | 1.875% |
| 66 | 7.508 | 7.491 | 7.532 | VV | 1539      | 29198   | 0.26%  | 0.010% |
| 67 | 7.571 | 7.532 | 7.585 | VV | 1967      | 39696   | 0.36%  | 0.014% |
| 68 | 7.594 | 7.585 | 7.627 | VV | 1441      | 21784   | 0.20%  | 0.008% |
| 69 | 7.646 | 7.627 | 7.661 | VV | 1052      | 15179   | 0.14%  | 0.005% |
| 70 | 7.680 | 7.661 | 7.727 | VV | 1916      | 35326   | 0.32%  | 0.013% |
| 71 | 7.744 | 7.727 | 7.791 | VV | 567       | 16538   | 0.15%  | 0.006% |
| 72 | 7.805 | 7.791 | 7.835 | VV | 238       | 4684    | 0.04%  | 0.002% |
| 73 | 7.854 | 7.835 | 7.885 | VV | 736       | 10215   | 0.09%  | 0.004% |
| 74 | 7.907 | 7.885 | 7.939 | VV | 275       | 5746    | 0.05%  | 0.002% |
| 75 | 7.967 | 7.939 | 7.994 | VV | 275       | 4878    | 0.04%  | 0.002% |
| 76 | 8.014 | 7.994 | 8.027 | VV | 160       | 2220    | 0.02%  | 0.001% |
| 77 | 8.046 | 8.027 | 8.074 | VV | 163       | 3339    | 0.03%  | 0.001% |
| 78 | 8.104 | 8.074 | 8.117 | PV | 739       | 12113   | 0.11%  | 0.004% |
| 79 | 8.135 | 8.117 | 8.152 | VV | 721       | 12869   | 0.12%  | 0.005% |
| 80 | 8.162 | 8.152 | 8.189 | VV | 438       | 6767    | 0.06%  | 0.002% |
| 81 | 8.208 | 8.189 | 8.229 | VV | 408       | 5633    | 0.05%  | 0.002% |
| 82 | 8.253 | 8.229 | 8.280 | VV | 2205      | 25096   | 0.23%  | 0.009% |
| 83 | 8.310 | 8.280 | 8.361 | VV | 2109      | 26428   | 0.24%  | 0.009% |
| 84 | 8.380 | 8.361 | 8.397 | VV | 328       | 4719    | 0.04%  | 0.002% |
| 85 | 8.420 | 8.397 | 8.438 | VV | 417       | 7320    | 0.07%  | 0.003% |
| 86 | 8.466 | 8.438 | 8.501 | VV | 795       | 19101   | 0.17%  | 0.007% |
| 87 | 8.518 | 8.501 | 8.531 | VV | 517       | 7287    | 0.07%  | 0.003% |
| 88 | 8.564 | 8.531 | 8.628 | VV | 636310    | 6549388 | 58.79% | 2.318% |
| 89 | 8.670 | 8.628 | 8.833 | VV | 518099    | 5344816 | 47.98% | 1.891% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.886  | 8.833  | 8.903  | VV | 586    | 18656   | 0.17%  | 0.007% |
| 91  | 8.922  | 8.903  | 8.935  | VV | 692    | 11147   |        |        |
| 92  | 8.970  | 8.935  | 9.081  | VV | 544261 | 5594758 | 50.11% | 1.857% |
| 93  | 9.097  | 9.081  | 9.139  | VV | 981    | 23134   |        |        |
| 94  | 9.167  | 9.139  | 9.221  | VV | 516    | 17968   |        |        |
| 95  | 9.248  | 9.221  | 9.270  | VV | 1356   | 20411   |        |        |
| 96  | 9.305  | 9.270  | 9.353  | VV | 1118   | 28244   | 0.25%  | 0.010% |
| 97  | 9.387  | 9.353  | 9.461  | VV | 1871   | 39571   | 0.36%  | 0.014% |
| 98  | 9.480  | 9.461  | 9.517  | VV | 258    | 4336    | 0.04%  | 0.002% |
| 99  | 9.565  | 9.517  | 9.598  | VV | 349    | 9262    | 0.08%  | 0.003% |
| 100 | 9.618  | 9.598  | 9.655  | VV | 306    | 5102    | 0.05%  | 0.002% |
| 101 | 9.680  | 9.655  | 9.695  | PV | 126    | 2086    | 0.02%  | 0.001% |
| 102 | 9.713  | 9.695  | 9.727  | VV | 2381   | 27125   | 0.24%  | 0.010% |
| 103 | 9.758  | 9.727  | 9.871  | VV | 503807 | 5247706 | 47.11% | 1.857% |
| 104 | 9.903  | 9.871  | 9.922  | VV | 1469   | 28522   | 0.26%  | 0.010% |
| 105 | 9.946  | 9.922  | 9.962  | VV | 6994   | 81764   | 0.73%  | 0.029% |
| 106 | 9.972  | 9.962  | 10.015 | VV | 3222   | 46807   | 0.42%  | 0.017% |
| 107 | 10.038 | 10.015 | 10.074 | VV | 9225   | 127627  | 1.15%  | 0.045% |
| 108 | 10.101 | 10.074 | 10.130 | VV | 2027   | 40602   | 0.36%  | 0.014% |
| 109 | 10.169 | 10.130 | 10.223 | VV | 624909 | 6881447 | 61.77% | 2.435% |
| 110 | 10.231 | 10.223 | 10.255 | VV | 816    | 12565   | 0.11%  | 0.004% |
| 111 | 10.268 | 10.255 | 10.305 | VV | 677    | 11862   | 0.11%  | 0.004% |
| 112 | 10.328 | 10.305 | 10.362 | VV | 389    | 7329    | 0.07%  | 0.003% |
| 113 | 10.378 | 10.362 | 10.401 | PV | 117    | 1246    | 0.01%  | 0.000% |
| 114 | 10.422 | 10.401 | 10.432 | PV | 241    | 2891    | 0.03%  | 0.001% |
| 115 | 10.449 | 10.432 | 10.488 | VV | 308    | 7287    | 0.07%  | 0.003% |
| 116 | 10.505 | 10.488 | 10.527 | VV | 279    | 4722    | 0.04%  | 0.002% |
| 117 | 10.550 | 10.527 | 10.573 | VV | 520    | 7737    | 0.07%  | 0.003% |
| 118 | 10.594 | 10.573 | 10.626 | VV | 675    | 11250   | 0.10%  | 0.004% |
| 119 | 10.645 | 10.626 | 10.666 | VV | 363    | 5394    | 0.05%  | 0.002% |
| 120 | 10.687 | 10.666 | 10.708 | PV | 450    | 5384    | 0.05%  | 0.002% |
| 121 | 10.725 | 10.708 | 10.737 | VV | 323    | 4016    | 0.04%  | 0.001% |
| 122 | 10.751 | 10.737 | 10.775 | VV | 443    | 6050    | 0.05%  | 0.002% |
| 123 | 10.831 | 10.775 | 10.845 | VV | 791    | 17853   | 0.16%  | 0.006% |
| 124 | 10.861 | 10.845 | 10.886 | VV | 1319   | 19995   | 0.18%  | 0.007% |
| 125 | 10.928 | 10.886 | 10.948 | VV | 3169   | 55392   | 0.50%  | 0.020% |
| 126 | 10.968 | 10.948 | 11.060 | VV | 3789   | 63187   | 0.57%  | 0.022% |
| 127 | 11.075 | 11.060 | 11.108 | VV | 253    | 3534    | 0.03%  | 0.001% |
| 128 | 11.164 | 11.108 | 11.211 | VV | 469802 | 5019051 | 45.05% | 1.776% |
| 129 | 11.240 | 11.211 | 11.388 | VV | 428556 | 4937712 | 44.32% | 1.747% |
| 130 | 11.413 | 11.388 | 11.441 | VV | 899    | 22047   | 0.20%  | 0.008% |
| 131 | 11.465 | 11.441 | 11.486 | VV | 2213   | 37483   | 0.34%  | 0.013% |
| 132 | 11.503 | 11.486 | 11.522 | VV | 1269   | 21178   | 0.19%  | 0.007% |
| 133 | 11.541 | 11.522 | 11.565 | VV | 1313   | 23896   | 0.21%  | 0.008% |
| 134 | 11.613 | 11.565 | 11.657 | VV | 621371 | 7287033 | 65.41% | 2.579% |
| 135 | 11.678 | 11.657 | 11.728 | VV | 8483   | 126707  | 1.14%  | 0.045% |
| 136 | 11.741 | 11.728 | 11.754 | VV | 604    | 7924    | 0.07%  | 0.003% |
| 137 | 11.767 | 11.754 | 11.783 | VV | 674    | 8462    | 0.08%  | 0.003% |
| 138 | 11.801 | 11.783 | 11.827 | VV | 1331   | 17413   | 0.16%  | 0.006% |
| 139 | 11.859 | 11.827 | 11.893 | VV | 3263   | 58882   | 0.53%  | 0.021% |
| 140 | 11.928 | 11.893 | 11.985 | VV | 373330 | 4042222 | 36.28% | 1.430% |
| 141 | 12.006 | 11.985 | 12.047 | VV | 1386   | 32063   | 0.29%  | 0.011% |

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|     |        |        |        |    | retention |          |         |        |
|-----|--------|--------|--------|----|-----------|----------|---------|--------|
| 142 | 12.081 | 12.047 | 12.102 | VV | 1478      | 30276    | 0.27%   | 0.011% |
| 143 | 12.130 | 12.102 | 12.186 | VV | 1950      | 47823    |         |        |
| 144 | 12.220 | 12.186 | 12.246 | PV | 698       | 12736    |         |        |
| 145 | 12.291 | 12.246 | 12.316 | VV | 2643      | 52959    |         |        |
| 146 | 12.336 | 12.316 | 12.347 | VV | 1914      | 24339    |         |        |
| 147 | 12.376 | 12.347 | 12.408 | VV | 13960     | 223081   |         |        |
| 148 | 12.433 | 12.408 | 12.495 | VV | 14938     | 234284   | 2.10%   | 0.083% |
| 149 | 12.530 | 12.495 | 12.600 | VV | 97235     | 1213306  | 10.89%  | 0.429% |
| 150 | 12.640 | 12.600 | 12.721 | VV | 1793      | 69519    | 0.62%   | 0.025% |
| 151 | 12.739 | 12.721 | 12.750 | VV | 1041      | 13175    | 0.12%   | 0.005% |
| 152 | 12.771 | 12.750 | 12.795 | VV | 3329      | 49349    | 0.44%   | 0.017% |
| 153 | 12.816 | 12.795 | 12.840 | VV | 3701      | 51514    | 0.46%   | 0.018% |
| 154 | 12.861 | 12.840 | 12.883 | VV | 2185      | 34881    | 0.31%   | 0.012% |
| 155 | 12.922 | 12.883 | 12.953 | VV | 595176    | 6933749  | 62.24%  | 2.454% |
| 156 | 12.985 | 12.953 | 13.040 | VV | 428406    | 4871838  | 43.73%  | 1.724% |
| 157 | 13.051 | 13.040 | 13.098 | VV | 2525      | 56028    | 0.50%   | 0.020% |
| 158 | 13.108 | 13.098 | 13.129 | VV | 1182      | 16761    | 0.15%   | 0.006% |
| 159 | 13.170 | 13.129 | 13.209 | VV | 4268      | 83396    | 0.75%   | 0.030% |
| 160 | 13.224 | 13.209 | 13.244 | VV | 489       | 6794     | 0.06%   | 0.002% |
| 161 | 13.284 | 13.244 | 13.319 | PV | 411340    | 4805960  | 43.14%  | 1.701% |
| 162 | 13.364 | 13.319 | 13.441 | VV | 223173    | 2757742  | 24.75%  | 0.976% |
| 163 | 13.463 | 13.441 | 13.493 | VV | 800       | 21335    | 0.19%   | 0.008% |
| 164 | 13.533 | 13.493 | 13.572 | VV | 583919    | 6975537  | 62.61%  | 2.469% |
| 165 | 13.595 | 13.572 | 13.611 | VV | 15016     | 207605   | 1.86%   | 0.073% |
| 166 | 13.621 | 13.611 | 13.710 | VV | 8855      | 180813   | 1.62%   | 0.064% |
| 167 | 13.757 | 13.710 | 13.836 | VV | 24702     | 345274   | 3.10%   | 0.122% |
| 168 | 13.874 | 13.836 | 13.899 | VV | 1981      | 37661    | 0.34%   | 0.013% |
| 169 | 13.913 | 13.899 | 13.931 | VV | 447       | 6497     | 0.06%   | 0.002% |
| 170 | 13.980 | 13.931 | 14.004 | VV | 2946      | 65947    | 0.59%   | 0.023% |
| 171 | 14.020 | 14.004 | 14.038 | VV | 1168      | 19015    | 0.17%   | 0.007% |
| 172 | 14.064 | 14.038 | 14.082 | VV | 2396      | 38463    | 0.35%   | 0.014% |
| 173 | 14.120 | 14.082 | 14.175 | VV | 568472    | 6879487  | 61.75%  | 2.435% |
| 174 | 14.190 | 14.175 | 14.225 | VV | 903       | 17005    | 0.15%   | 0.006% |
| 175 | 14.254 | 14.225 | 14.275 | VV | 1223      | 24662    | 0.22%   | 0.009% |
| 176 | 14.290 | 14.275 | 14.315 | VV | 1117      | 19773    | 0.18%   | 0.007% |
| 177 | 14.340 | 14.315 | 14.361 | VV | 1138      | 23269    | 0.21%   | 0.008% |
| 178 | 14.374 | 14.361 | 14.425 | VV | 890       | 18419    | 0.17%   | 0.007% |
| 179 | 14.503 | 14.425 | 14.535 | PV | 3555      | 79625    | 0.71%   | 0.028% |
| 180 | 14.557 | 14.535 | 14.605 | VV | 5961      | 124950   | 1.12%   | 0.044% |
| 181 | 14.623 | 14.605 | 14.653 | VV | 1517      | 28295    | 0.25%   | 0.010% |
| 182 | 14.678 | 14.653 | 14.696 | VV | 5243      | 69849    | 0.63%   | 0.025% |
| 183 | 14.713 | 14.696 | 14.760 | VV | 4948      | 89027    | 0.80%   | 0.032% |
| 184 | 14.786 | 14.760 | 14.830 | VV | 3362      | 60175    | 0.54%   | 0.021% |
| 185 | 14.850 | 14.830 | 14.874 | VV | 1665      | 22403    | 0.20%   | 0.008% |
| 186 | 14.898 | 14.874 | 14.953 | VV | 2201      | 45499    | 0.41%   | 0.016% |
| 187 | 14.989 | 14.953 | 15.020 | VV | 1192      | 22974    | 0.21%   | 0.008% |
| 188 | 15.055 | 15.020 | 15.067 | VV | 519       | 10798    | 0.10%   | 0.004% |
| 189 | 15.083 | 15.067 | 15.093 | VV | 564       | 6870     | 0.06%   | 0.002% |
| 190 | 15.164 | 15.093 | 15.185 | VV | 331189    | 4282398  | 38.44%  | 1.515% |
| 191 | 15.216 | 15.185 | 15.256 | VV | 566574    | 11140374 | 100.00% | 3.942% |
| 192 | 15.264 | 15.256 | 15.298 | VV | 5740      | 93706    | 0.84%   | 0.033% |
| 193 | 15.324 | 15.298 | 15.380 | VV | 3592      | 96727    | 0.87%   | 0.034% |
| 194 | 15.416 | 15.380 | 15.448 | VV | 1103      | 37972    | 0.34%   | 0.013% |

Instrument :

FID\_E

ClientSampleId :

3MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/04/2023  
Supervised By :Ankita Jodhani 01/04/2023

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rters  |         |        |        |
| 195 | 15.474 | 15.448 | 15.493 | VV | 956    | 18528   | 0.17%  | 0.007% |
| 196 | 15.521 | 15.493 | 15.534 | VV | 541    | 11886   |        |        |
| 197 | 15.547 | 15.534 | 15.568 | VV | 449    | 7237    |        |        |
| 198 | 15.611 | 15.568 | 15.712 | VV | 29967  | 682611  |        |        |
| 199 | 15.739 | 15.712 | 15.772 | VV | 6007   | 93449   |        |        |
| 200 | 15.811 | 15.772 | 15.858 | VV | 10394  | 189368  |        |        |
| 201 | 15.871 | 15.858 | 15.908 | VV | 746    | 11971   | 0.11%  | 0.004% |
| 202 | 15.953 | 15.908 | 15.969 | PV | 1252   | 19299   | 0.17%  | 0.007% |
| 203 | 16.009 | 15.969 | 16.047 | VV | 1784   | 37608   | 0.34%  | 0.013% |
| 204 | 16.076 | 16.047 | 16.091 | VV | 763    | 12021   | 0.11%  | 0.004% |
| 205 | 16.141 | 16.091 | 16.178 | VV | 1261   | 40800   | 0.37%  | 0.014% |
| 206 | 16.244 | 16.178 | 16.288 | VV | 518857 | 6658225 | 59.77% | 2.356% |
| 207 | 16.304 | 16.288 | 16.335 | VV | 1935   | 29263   | 0.26%  | 0.010% |
| 208 | 16.364 | 16.335 | 16.391 | VV | 461    | 9484    | 0.09%  | 0.003% |
| 209 | 16.447 | 16.391 | 16.501 | PV | 920    | 32406   | 0.29%  | 0.011% |
| 210 | 16.539 | 16.501 | 16.573 | VV | 2291   | 49751   | 0.45%  | 0.018% |
| 211 | 16.629 | 16.573 | 16.675 | VV | 11491  | 282666  | 2.54%  | 0.100% |
| 212 | 16.725 | 16.675 | 16.741 | VV | 314389 | 4536514 | 40.72% | 1.605% |
| 213 | 16.757 | 16.741 | 16.785 | VV | 359308 | 4128114 | 37.06% | 1.461% |
| 214 | 16.799 | 16.785 | 16.834 | VV | 13129  | 238182  | 2.14%  | 0.084% |
| 215 | 16.851 | 16.834 | 16.926 | VV | 4499   | 152160  | 1.37%  | 0.054% |
| 216 | 16.941 | 16.926 | 16.960 | VV | 2139   | 38285   | 0.34%  | 0.014% |
| 217 | 16.978 | 16.960 | 16.986 | VV | 1868   | 28669   | 0.26%  | 0.010% |
| 218 | 17.042 | 16.986 | 17.065 | VV | 6907   | 159653  | 1.43%  | 0.056% |
| 219 | 17.106 | 17.065 | 17.151 | VV | 300648 | 3996517 | 35.87% | 1.414% |
| 220 | 17.194 | 17.151 | 17.228 | VV | 482946 | 6694504 | 60.09% | 2.369% |
| 221 | 17.238 | 17.228 | 17.258 | VV | 7393   | 113250  | 1.02%  | 0.040% |
| 222 | 17.265 | 17.258 | 17.294 | VV | 5677   | 97292   | 0.87%  | 0.034% |
| 223 | 17.319 | 17.294 | 17.331 | VV | 3496   | 73291   | 0.66%  | 0.026% |
| 224 | 17.384 | 17.331 | 17.394 | VV | 3237   | 118396  | 1.06%  | 0.042% |
| 225 | 17.446 | 17.394 | 17.458 | VV | 4031   | 139015  | 1.25%  | 0.049% |
| 226 | 17.464 | 17.458 | 17.490 | VV | 4249   | 74587   | 0.67%  | 0.026% |
| 227 | 17.522 | 17.490 | 17.545 | VV | 4503   | 130456  | 1.17%  | 0.046% |
| 228 | 17.573 | 17.545 | 17.616 | VV | 11716  | 341074  | 3.06%  | 0.121% |
| 229 | 17.641 | 17.616 | 17.671 | VV | 14940  | 289839  | 2.60%  | 0.103% |
| 230 | 17.717 | 17.671 | 17.743 | VV | 7657   | 243172  | 2.18%  | 0.086% |
| 231 | 17.759 | 17.743 | 17.791 | VV | 5315   | 136358  | 1.22%  | 0.048% |
| 232 | 17.812 | 17.791 | 17.838 | VV | 5765   | 138061  | 1.24%  | 0.049% |
| 233 | 17.864 | 17.838 | 17.891 | VV | 5641   | 160284  | 1.44%  | 0.057% |
| 234 | 17.932 | 17.891 | 17.951 | VV | 5713   | 187461  | 1.68%  | 0.066% |
| 235 | 17.972 | 17.951 | 17.989 | VV | 6006   | 129514  | 1.16%  | 0.046% |
| 236 | 18.083 | 17.989 | 18.127 | VV | 476768 | 6840789 | 61.41% | 2.421% |
| 237 | 18.167 | 18.127 | 18.189 | VV | 11605  | 338452  | 3.04%  | 0.120% |
| 238 | 18.225 | 18.189 | 18.241 | VV | 9846   | 282629  | 2.54%  | 0.100% |
| 239 | 18.258 | 18.241 | 18.267 | VV | 9842   | 146840  | 1.32%  | 0.052% |
| 240 | 18.312 | 18.267 | 18.361 | VV | 13822  | 597869  | 5.37%  | 0.212% |
| 241 | 18.405 | 18.361 | 18.425 | VV | 18754  | 506251  | 4.54%  | 0.179% |
| 242 | 18.481 | 18.425 | 18.497 | VV | 296543 | 4833192 | 43.38% | 1.710% |
| 243 | 18.516 | 18.497 | 18.580 | VV | 268661 | 4272786 | 38.35% | 1.512% |
| 244 | 18.598 | 18.580 | 18.627 | VV | 18533  | 467826  | 4.20%  | 0.166% |
| 245 | 18.645 | 18.627 | 18.693 | VV | 15073  | 543684  | 4.88%  | 0.192% |
| 246 | 18.739 | 18.693 | 18.845 | VV | 321232 | 5664642 | 50.85% | 2.005% |

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| Parameters              |        |        |        |     |           |         |        |        |  |
|-------------------------|--------|--------|--------|-----|-----------|---------|--------|--------|--|
| 247                     | 18.915 | 18.845 | 18.968 | VV  | 472711    | 7426536 | 66.66% | 2.628% |  |
| 248                     | 19.010 | 18.968 | 19.026 | VV  | 21018     | 665680  |        |        |  |
| 249                     | 19.045 | 19.026 | 19.054 | VV  | 21017     | 345515  |        |        |  |
| 250                     | 19.064 | 19.054 | 19.108 | VV  | 20808     | 606521  |        |        |  |
| 251                     | 19.116 | 19.108 | 19.124 | VV  | 17542     | 171995  |        |        |  |
| 252                     | 19.135 | 19.124 | 19.145 | VV  | 17387     | 207292  |        |        |  |
| 253                     | 19.191 | 19.145 | 19.215 | VV  | 23614     | 828501  | 7.44%  | 0.293% |  |
| 254                     | 19.275 | 19.215 | 19.364 | VV  | 56445     | 2942103 | 26.41% | 1.041% |  |
| 255                     | 19.401 | 19.364 | 19.417 | VV  | 32329     | 871523  | 7.82%  | 0.308% |  |
| 256                     | 19.440 | 19.417 | 19.485 | VV  | 61318     | 1471745 | 13.21% | 0.521% |  |
| 257                     | 19.487 | 19.485 | 19.496 | VV  | 23404     | 158707  | 1.42%  | 0.056% |  |
| 258                     | 19.505 | 19.496 | 19.516 | VV  | 22710     | 273012  | 2.45%  | 0.097% |  |
| 259                     | 19.552 | 19.516 | 19.648 | VV  | 96811     | 3463378 | 31.09% | 1.226% |  |
| 260                     | 19.698 | 19.648 | 19.737 | VV  | 396919    | 6799252 | 61.03% | 2.406% |  |
| 261                     | 19.757 | 19.737 | 19.780 | VV  | 36616     | 809948  | 7.27%  | 0.287% |  |
| 262                     | 19.804 | 19.780 | 19.831 | VV  | 29973     | 854940  | 7.67%  | 0.303% |  |
| 263                     | 19.865 | 19.831 | 19.928 | VV  | 28308     | 1581467 | 14.20% | 0.560% |  |
| 264                     | 19.982 | 19.928 | 20.011 | VV  | 33305     | 1504000 | 13.50% | 0.532% |  |
| 265                     | 20.044 | 20.011 | 20.108 | VV  | 61613     | 2202619 | 19.77% | 0.779% |  |
| 266                     | 20.133 | 20.108 | 20.162 | VV  | 32739     | 992467  | 8.91%  | 0.351% |  |
| 267                     | 20.171 | 20.162 | 20.195 | VV  | 29191     | 565277  | 5.07%  | 0.200% |  |
| 268                     | 20.312 | 20.195 | 20.347 | VV  | 36338     | 3003432 | 26.96% | 1.063% |  |
| 269                     | 20.373 | 20.347 | 20.394 | VV  | 38210     | 1018612 | 9.14%  | 0.360% |  |
| 270                     | 20.438 | 20.394 | 20.489 | VV  | 326973    | 6298866 | 56.54% | 2.229% |  |
| 271                     | 20.515 | 20.489 | 20.551 | VV  | 36947     | 1332038 | 11.96% | 0.471% |  |
| 272                     | 20.595 | 20.551 | 20.628 | VV  | 41429     | 1745740 | 15.67% | 0.618% |  |
| 273                     | 20.690 | 20.628 | 20.710 | VV  | 42455     | 1955910 | 17.56% | 0.692% |  |
| 274                     | 20.738 | 20.710 | 20.758 | VV  | 46832     | 1246348 | 11.19% | 0.441% |  |
| 275                     | 20.792 | 20.758 | 20.866 | VV  | 44535     | 2711394 | 24.34% | 0.960% |  |
| 276                     | 20.886 | 20.866 | 20.925 | VV  | 40098     | 1398614 | 12.55% | 0.495% |  |
| 277                     | 20.969 | 20.925 | 20.981 | VV  | 39584     | 1309695 | 11.76% | 0.463% |  |
| 278                     | 20.987 | 20.981 | 21.005 | VV  | 39387     | 542593  | 4.87%  | 0.192% |  |
| 279                     | 21.010 | 21.005 | 21.022 | VV  | 38529     | 395719  | 3.55%  | 0.140% |  |
| 280                     | 21.052 | 21.022 | 21.119 | VV  | 43365     | 2320620 | 20.83% | 0.821% |  |
| 281                     | 21.173 | 21.119 | 21.222 | VV  | 230314    | 5663039 | 50.83% | 2.004% |  |
| 282                     | 21.278 | 21.222 | 21.340 | VV  | 37026     | 2551587 | 22.90% | 0.903% |  |
| 283                     | 21.361 | 21.340 | 21.375 | VV  | 35782     | 735651  | 6.60%  | 0.260% |  |
| 284                     | 21.435 | 21.375 | 21.451 | VV  | 36479     | 1650286 | 14.81% | 0.584% |  |
| 285                     | 21.473 | 21.451 | 21.561 | VV  | 36800     | 2339655 | 21.00% | 0.828% |  |
| 286                     | 21.595 | 21.561 | 21.635 | VV  | 35595     | 1517470 | 13.62% | 0.537% |  |
| 287                     | 21.681 | 21.635 | 21.741 | VV  | 33177     | 2084181 | 18.71% | 0.738% |  |
| 288                     | 21.758 | 21.741 | 21.776 | VV  | 33117     | 691381  | 6.21%  | 0.245% |  |
| 289                     | 21.809 | 21.776 | 21.882 | VV  | 32781     | 2053426 | 18.43% | 0.727% |  |
| 290                     | 21.925 | 21.882 | 21.938 | VV  | 32306     | 1058111 | 9.50%  | 0.374% |  |
| 291                     | 21.950 | 21.938 | 21.963 | VV  | 32147     | 473325  | 4.25%  | 0.168% |  |
| 292                     | 21.968 | 21.963 | 21.989 | VV  | 31495     | 500743  | 4.49%  | 0.177% |  |
| 293                     | 22.082 | 21.989 | 22.151 | VBA | 148112    | 5802115 | 52.08% | 2.053% |  |
| Sum of corrected areas: |        |        |        |     | 282575529 |         |        |        |  |

Instrument :

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